

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional) GMX-005.01 (22109-501)	Application Number 09 920.310
	Applicant Yves Claude Nicolau	DEC 12 2002 PATENT & TRADEMARK OFFICE
	Filing Date August 1, 2001	Group Art Unit 1614-1626

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RA	BP US 4,397,846	08 09 83	Weiner et al.	424	199	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
RA	BQ WO 02 10177 A1	02 07 02	WIPO	—	—		X
RA	BR EP 0 342 955 A2	11 23 89	European Patent Application	—	—		X
RA	BS EP 0 342 956 A2	11 23 89	European Patent Application	—	—		X
RA	BT EP 0 344 997 A2	12 06 89	European Patent Application	—	—		X
RA	BU EP 0 349 143 A2	01 03 90	European Patent Application	—	—		X
RA	BV EP 0 472 772 A1	03 04 92	European Patent Application	—	—		X
RA	BW JP 55-147295	11 17 80	Japan	—	—		X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, etc.)

RA	BX	Adachi et al.; "Nucleation -Controlled Aggregation of Deoxyhemoglobin s : Effect of Organic Phosphates on the Kinetics of Aggregation of Deoxyhemoglobin s In Concentrated Phosphate Buffer", Biochimica et Biophysica Acta, 624: 372-377, (1980)
RA	BY	Barnikol and Burkhard, " Die Feinstruktur der Sauerstoff-Hämoglobin als Puffer des Sauerstoff-Partialdruckes", Funkl. Biol. Med. 2: 245-249, (1983)
RA	BZ	Benesch and Kwong; " Bis-Pyridoxal Polyphosphates: A New Class of Specific Intramolecular Crosslinking Agents For Hemoglobin", Biochemical and Biophysical Research Communications, 156(1): 9-14, (October 14, 1988)
RA	CA	Kempf and Zundel; " The Allosteric Effector Molecule 2,3-bisphosphoglycerate as a Function of Protonation in Aqueous Solutions an FT-IR Study", Journal of Molecular Structure 269: 65-74, (1992).
RA	CB	Poillon et al.; " Deoxygenated Sickie Hemoglobin Modulation of its Solubility by 2, 3-diphosphoglycerate and Other Allosteric Polyanions", Database Medline Online, November 15, 1985, Accession No. NLM4055763, XP002215068
RA	CC	Sugden and Ashcroft; " Effects of Phosphoenolpyruvate, other Glycolytic Intermediates and Methylxanthines on Calcium Uptake by a Mitochondrial Fraction From Rat Pancreatic Islets", Diabetologia 15: 173-180, (1978)
RA	CD	Vincent et al.; " Transport of the Highly Charged Myo-Inositol Hexakisphosphate Molecules Across the Red Blood Cell Membrane: A phase Transfer and Biological Study", Database Medline, Online, September 2002, Accession No. NLM12110302, XP 002215069.
	CE	Partial International Search Report

EXAMINER <i>Lebea Anderson</i>	DATE CONSIDERED 9/8/04
-----------------------------------	---------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Application Number
09/930,310

Group Art Unit
~~1614~~-1626

TECH CENTER 1600/2900

JAN 29 20

RECEIVED

FILED DATE
IS APPROPRIATE

2017 - GMV-005.01 (IDS FORM 1449) doc
Leuca Anden

9/8/04

Form PTO-1449		Docket Number (Optional) GMV-005.01 (22109-501)		Application Number 09/930,310			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION FOR PATENT (Use several sheets if necessary)		Applicant Nicolau et al.		Group Art Unit 4614-1626			
		Filing Date August 01, 2001					
<div style="text-align: right;"> RECEIVED JAN 29 2002 TECH CENTER 1600/2900 </div>							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
RA	AU	WO 95/03068	02/02/95	PCT	—	—	X
RA	AV	WO 93/16688	09/02/93	PCT	—	—	X
RA	AW	WO 92/20369	11/26/92	PCT	—	—	X
RA	AX	WO 92/20368	11/26/92	PCT	—	—	X
RA	AY	EP 0 146 338 A2	06/26/85	European Patent Application	—	—	X
RA	AZ	JP 51-108020	09/25/76	Japan	—	—	English Translation of Japanese Patent Abstract
RA	BA	JP 55-147295	11/17/80	Japan	—	—	English Translation of Japanese Patent abstract
OTHER DOCUMENTS						(Including Author, Title, Date, Pertinent Pages Etc.)	
RA	BB	Hirst et al.; "The Modification of Hemoglobin Affinity For Oxygen and Tumor Radinsensitivity by Antilipidemic Drugs", Radiation Research 112: 164-172, (1987)					
RA	BC	Ogata and McConnell; "Triphosphate Spin-Label Studies of Allosteric Interactions In Hemoglobin", Annals of the New York Academy of Sciences, 222: 56-67, (December 31, 1973)					
RA	BD	Ruckpaul et al.; "Interaction of Hemoglobin with Ions Allosteric Effects of the Binding of Anions", Biochimica et Biophysica Acta 236:211-221, (1971)					
RA	BE	Benesch and Benesch; "The Effect of Organic Phosphates From the Human Erythrocyte on the Allosteric Prosperities of Hemoglobin", Biochemical and Biophysical Research Communications, 26 (2): 163-167, (1967)					
RA	BF	Lalezari et al.; "New Effectors Of Human Hemoglobin: Structure and Function", Biochemistry 29: 1515-1523, (1990)					
RA	BG	Abraham et al.; "Design, Synthesis, and Testing of Potential Antisickling Agents. 1. Halogenated Benzyloxy and Phenoxy acids", J. Med. Chem. 25: 1015-1017, (1982)					
RA	BH	Teisseire et al.; "Physiological Effects of High -P ₅₀ Erythrocyte Transfusion on Piglets", Journal of Applied Physiology, 58(4): 1810-1817, (April 1985)					
RA	BI	Brooksbank and Balazs; "Superoxide Dismutase and Lipoperoxidation in Down's Syndrome Fetal Brain", The Lancet 1: 881-882, (April 16, 1983)					
RA	BJ	Benesch and Benesch; "Intracellular Organic Phosphates as Regulators of Oxygen Release by Haemoglobin", Nature, 221: 618-622, (February 15, 1969)					

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket Number (Optional) GMV-005.01 (22109-501)		Application Number 09/930,310	
Applicant Nicolau et al.		Filing Date August 01, 2001		Group Art Unit 1614 1626	
BK	Amone et al.; "X-ray Diffraction Study of Binding of 2,3-Diphosphoglycerate to Human Deoxyhaemoglobin", Nature 237: 149-150, (May 1972)	Abraham et al.; "Physiological and X-ray Studies of Potential Antisickling Agents", Proc. Natl. Acad. Sci. USA, 80:324-328, (January 1983)			
BL	Teissiere et al.; "Long-term Physiological Effects of Enhanced O ₂ Release by Inositol Hexaphosphate-Loaded Erythrocytes", Proc. Natl. Acad. Sci. USA, 84: 6894-6898, (October 1987)	Lalezari et al.; "LR16, a Compound with Potent Effects on the Oxygen affinity of Hemoglobin, on Blood Cholesterol, and on Low Density Lipoprotein", Proc. Natl. Acad. Sci. USA, 85: 6117-6121, (August 1988)			
BM	Bruggemann et al.; "Low Oxygen-Affinity Red Cell Produced in a Large-Volume, Continuous-Flow Electroporation System", Transfusion 35(6): 478-485, (June 1995)	EXAMINER: <i>Lebeon Apden</i>			
BO	DATE CONSIDERED 9/8/04	EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			